

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 58160343
PUBLICATION DATE : 22-09-83

APPLICATION DATE : 17-03-82
APPLICATION NUMBER : 57042120

APPLICANT : NIPPON ESTER CO LTD;

INVENTOR : YAMAMOTO KENICHI; MIYAZAKI YUMI;

INT.CL. : C08L 67/02 C08K 5/04

TITLE : POLYESTER COMPOSITION

ABSTRACT : PURPOSE: To provide the titled compsn. having a high crystallization rate, improved moldability and excellent heat resistance and mechanical strength, by blending a metal salt of a terpene carboxylic acid with polyethylene terephthalate.

CONSTITUTION: A polyester compsn. is obtd. by blending a metal salt of a ter- pene carboxylic acid, such as Th, K, Li or Ca salt of camphoric acid, hinokiic acid or pimanic acid, with polyethylene terephthalate or a polyester composed mainly of polyethylene terephthalate. The compsn. has a high crystallization rate, remarkably improved moldability and excellent heat resistance and mechanical strength, and can be injection-molded at a mold temp. of 120°C or below. Since crystallization rapidly occurs after spinning in the fiber production, drawing can be conducted after spinning only by providing a simple drawing device and spin/draw/take-up can be inexpensively conducted.

COPYRIGHT: (C) JPO